M-627V/677V

SERVICE MANUAL

US Model
Canadian Model
M-627V/677V
AEP Model
M-627V

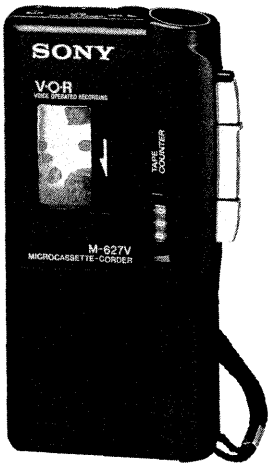


Photo: M-627V

Model Name Using Similar Mechanism	NEW
Tape Transport Mechanism Type	MZ-627V-14

SPECIFICATIONS

Tape
(MICROCASSETTE)™ (normal position type)
Recording system
2-track 1-channel monaural
Speaker
Approx. 3.6 cm (1 7/16 in.) dia.
Tape speed
2.4 cm/s (15/16 ips), 1.2 cm/s (15/32 ips)
Frequency range
250 – 4,000 Hz
Input
Microphone input jack (minijack/PLUG IN POWER) sensitivity 0.24 mV for 3 kilohms or lower impedance microphone
Output
Earphone jack (minijack) for 8 – 300 ohms earphone
Power output
160 mW (at 10% harmonic distortion)
Battery life (recording)
SONY SUM-3 (NS) 5.5H
SONY ALKALINE AM3 (N) 14H
Power requirements
- Two R6 (size AA) batteries: 3 V DC
- Sony AC-E30L AC power adaptor (not supplied): 120 V AC, 60 Hz
- Sony DCC-E130L car battery cord (not supplied): 12 V car battery

Dimensions (w/h/d)
Approx. 66.7 x 120.8 x 25 mm (2 3/4 x 4 7/8 x 1 in.) incl. projecting parts and controls
Mass
Approx. 180 g (6.4 oz) incl. batteries
Supplied accessories
AC power adaptor (1, M-677V only)
Battery charge adaptor (1, M-677V only)
Rechargeable batteries (2, M-677V only)
Microcassette tape MC-30 (1, M-627V AEP only)
Carrying case (1, M-627V AEP only)
R6 (size AA) batteries (2, M-627V AEP only)

Design and specifications are subject to change without notice.

MICROCASSETTE™CORDER

SONY®

SERVICING NOTE

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

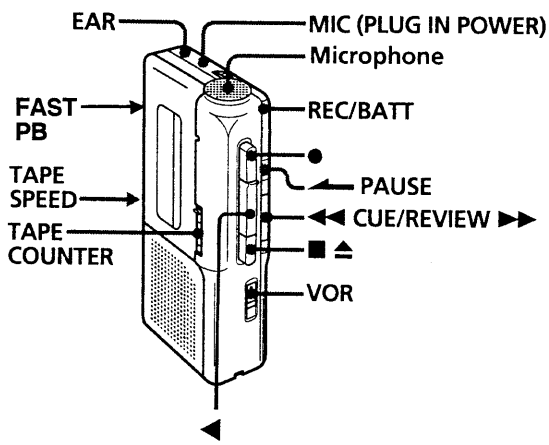
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SECTION 1
GENERAL

This section is extracted from instruction manual.

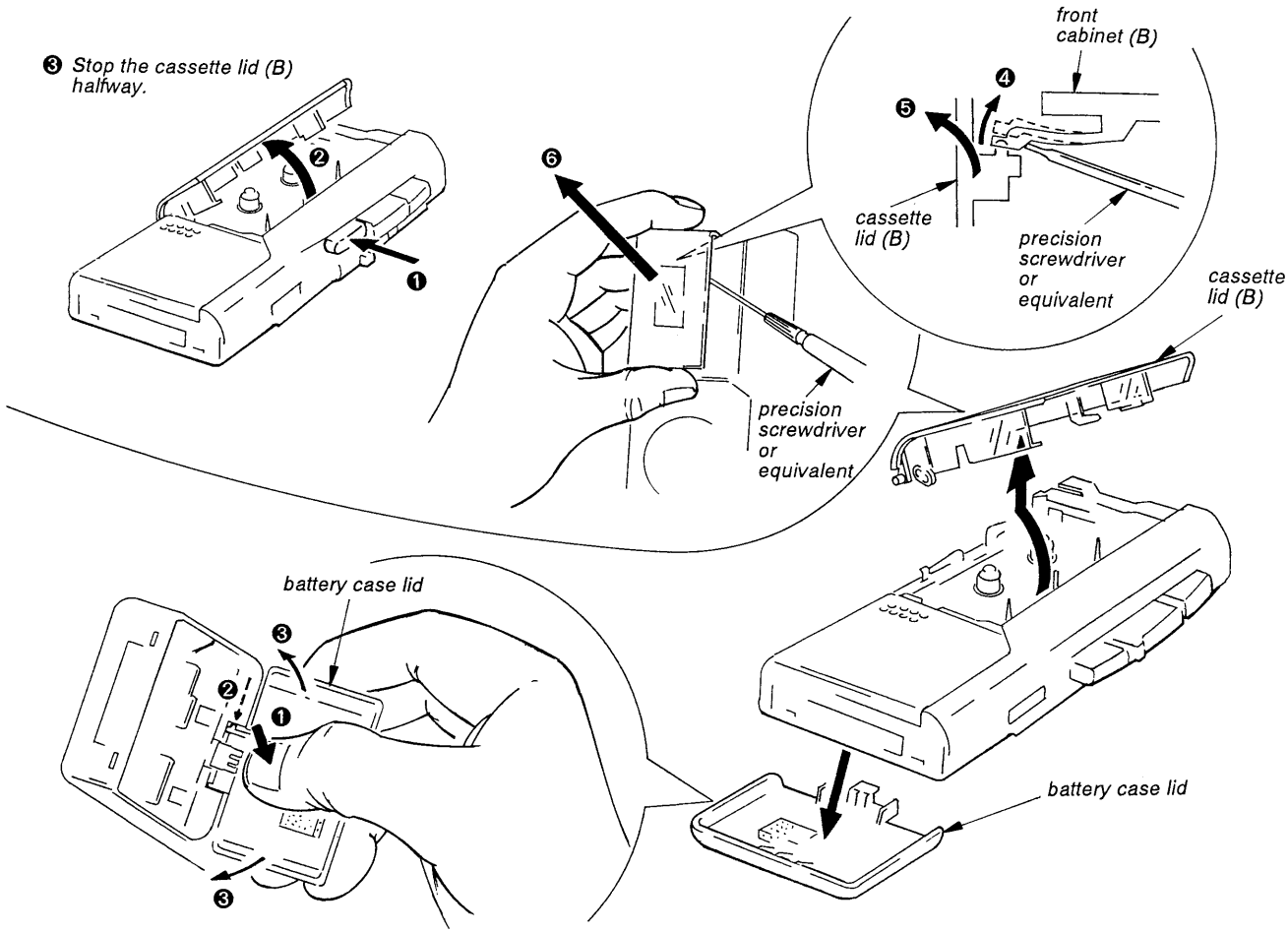
- **Parts Identification**



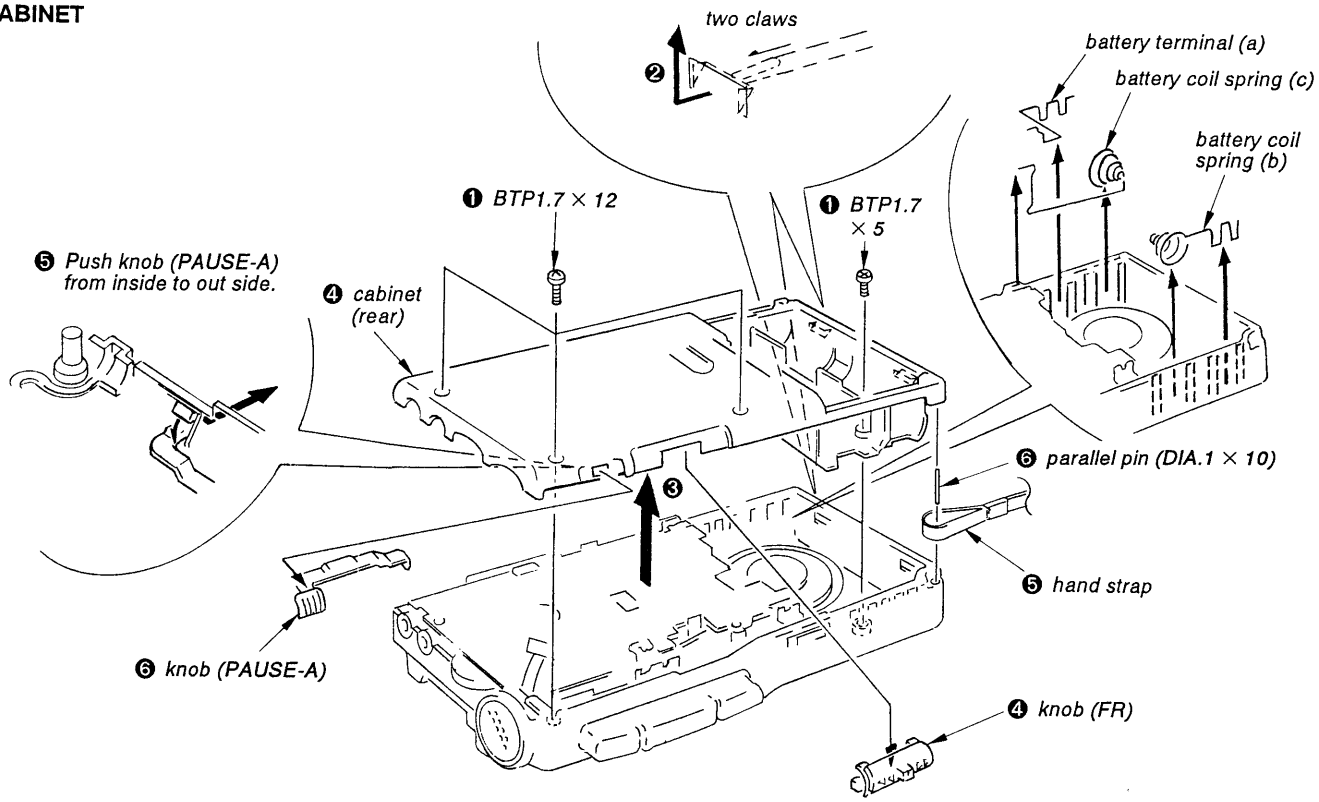
SECTION 2
DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

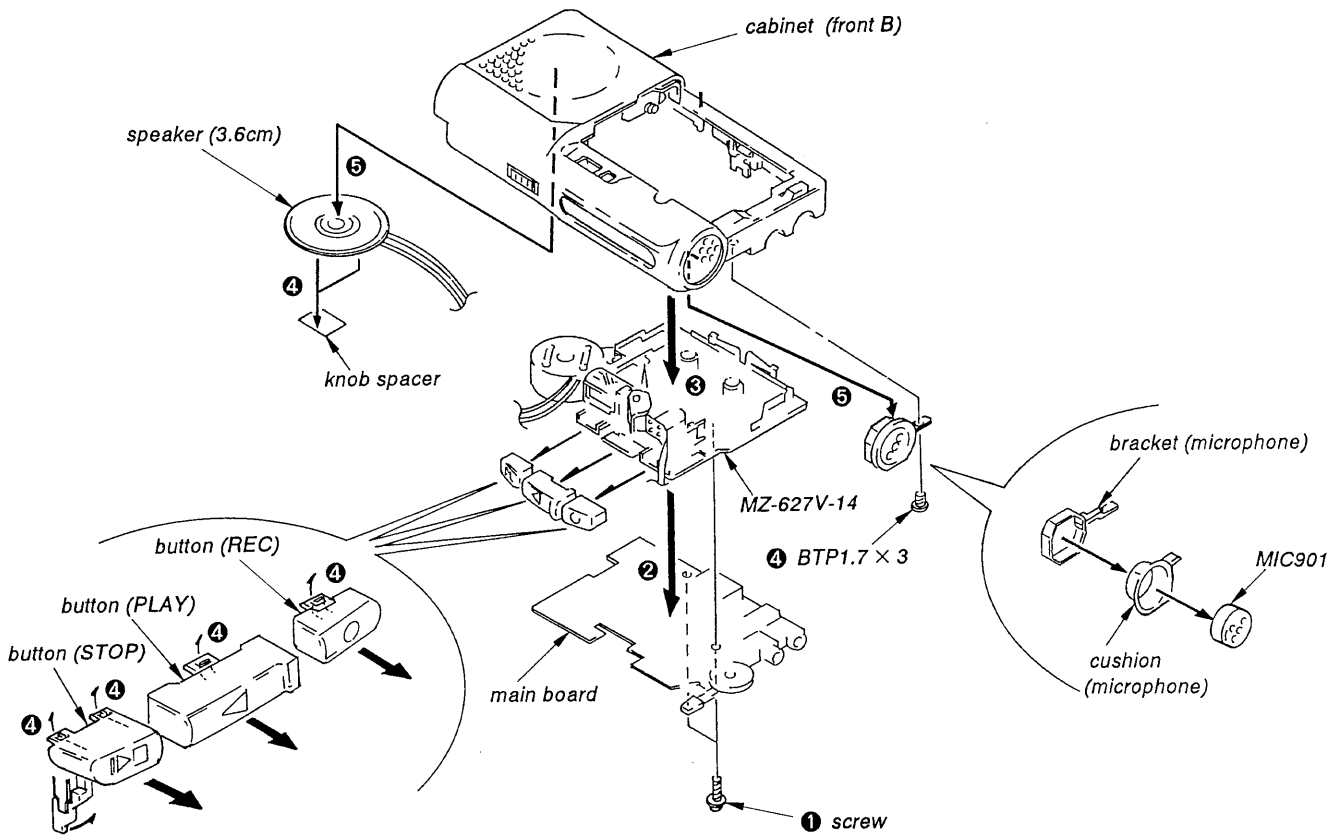
CASSETTE AND BATTERY LIDS



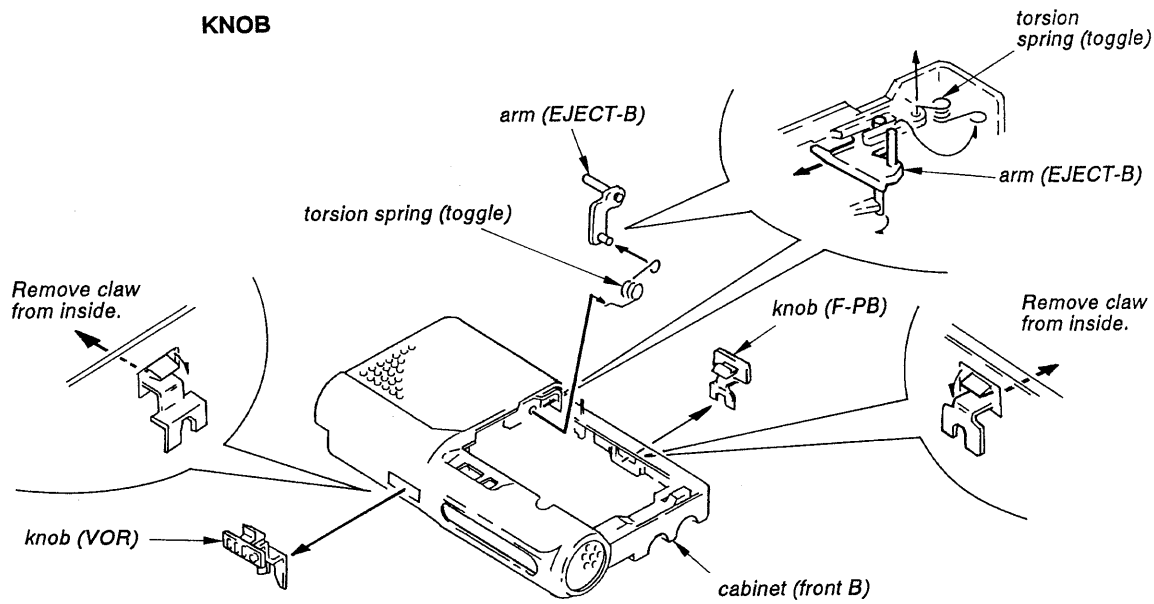
CABINET


two claws
battery terminal (a)
battery coil spring (c)
battery coil spring (b)
❶ BTP1.7 × 12
❶ BTP1.7 × 5
❺ Push knob (PAUSE-A) from inside to out side.
❹ cabinet (rear)
❻ parallel pin (DIA.1 × 10)
❺ hand strap
❻ knob (PAUSE-A)
❹ knob (FR)

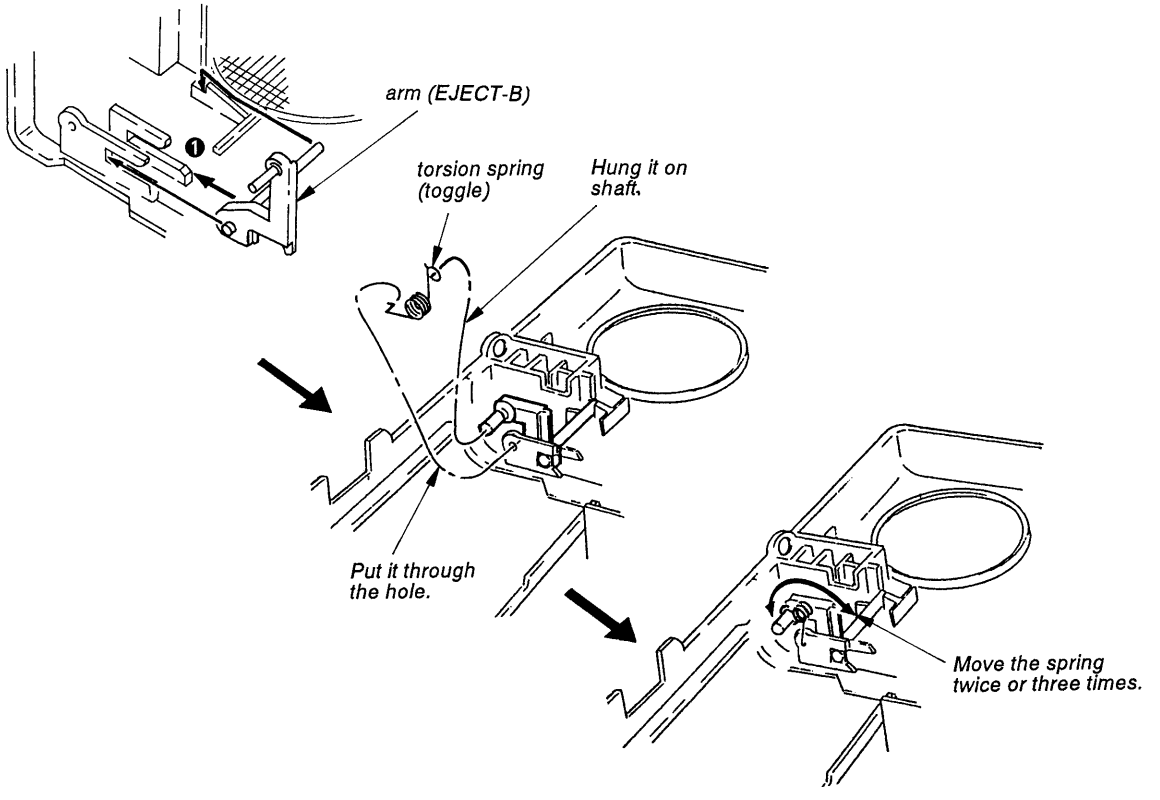
MECHANISM DECK



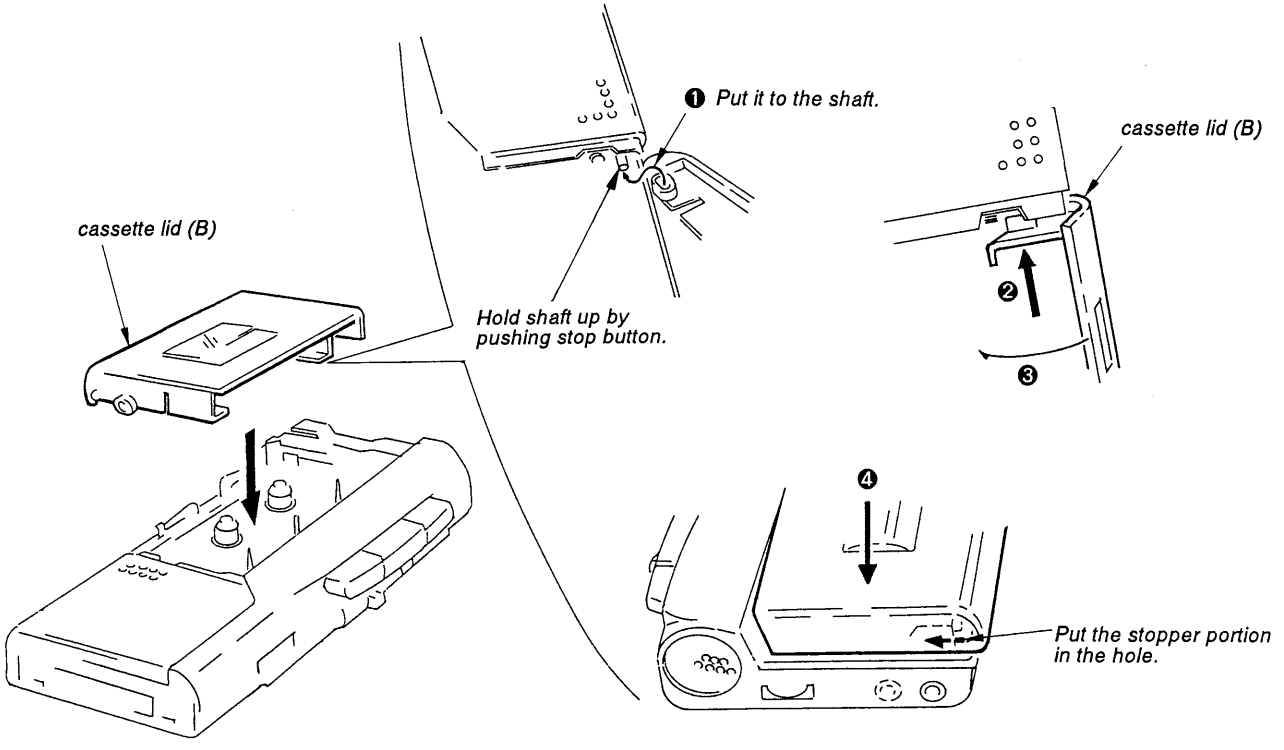
KNOB



ARM (EJECT-B) FITTING



CASSETTE LID (B) FITTING



SECTION 3
ADJUSTMENTS

2-1. MECHANICAL ADJUSTMENTS AND MEASUREMENT

PRECAUTION

1. Clean the following parts with a denatured-alcohol-moistened swab:
   record/playback/erase head pinch roller
   rubber belts capstan
2. Demagnetize the record/playback head with a head demagentizer.
3. Do not use a magnetized screwdriver for the adjustments.
4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
   Power supply voltage : 3 Vdc
   TAPE SPEED switch : 2.4 cm

Torque Measurement

Torqu	Meter Reading	Torqu Meter
Forward	5~13g • cm (0.07 – 0.180oz • inch)	CQ-103M
Fast Forward	5~13g • cm (0.07 – 0.180oz • inch)	CQ-201M
Rewind	more than 15 g • cm (more than 0.21oz • inch)	CQ-201M

Tape Tension Measurement

Meter	Meter Reading
CQ-403M	more than 30 g (more than 0.42 oz)

2-2. ELECTRICAL ADJUSTMENTS

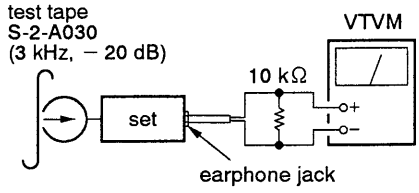
Test Tape

Type	Signal	Used for	Tape Speed (cm/s)
WS-12	3 kHz, – 10 dB	Tape Speed Adjustment	1.2
WS-24			2.4
S-2-A030	3 kHz, – 20 dB	Head Azimuth Adjustment	2.4

Record/Playback Head Azimuth Adjustment

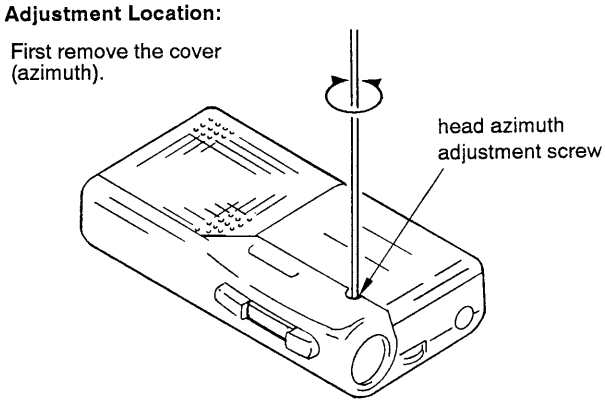
setting:
VOLUME control : mechanical mid
TAPE SPEED switch : 2.4 cm/s
VOR switch : OFF

Procedure:
1. Mode : playback



2. Turn the adjustment screw to obtain the maximum reading on VTVM.
   Note: Several peaks may appear, but the maximum.

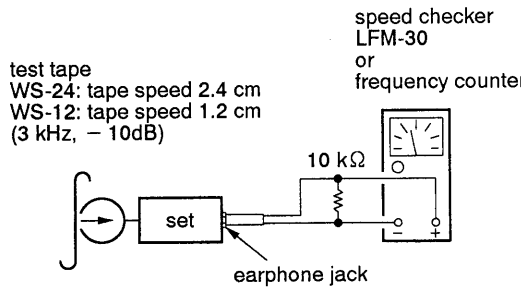
Adjustment Location:



Tape Speed adjustment

Setting:
VOLUME control : mechanical mid
VOR switch : OFF

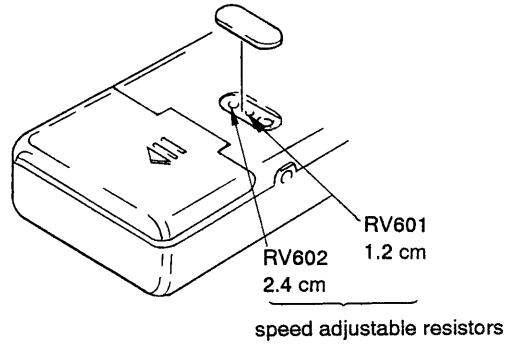
Procedure:
- Reform 2.4 cm /s speed adjustment before 1.2 cm/s speed adjustment
  mode : playback



Tape Speed	Speed checker	Frequency counter
2.4 cm/s	± 3%	3,000 ± 90 Hz
1.2 cm/s	± 3%	3,000 ± 90 Hz

Frequency difference between the beginning and the end of the tape should be within 0.5%.
2.4cm/s (15 Hz)
1.2 cm/s (15 Hz)

Adjustment Location:



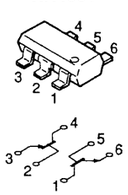
SECTION 4
DIAGRAMS

• Semiconductor Location

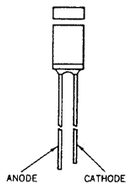
Ref. No.	Location
D101	E-12
D102	E-13
D103	D-11
D401	K-5
IC101	H-11
IC601	I-18
IC701	G-13
Q101	D-10
Q102	E-10
Q103	F-11
Q401	K-17
Q601	K-19
Q701	G-14
Q702	L-18
Q703	J-19

• Semiconductor Lead Layouts

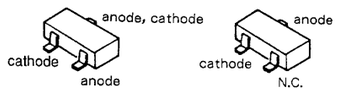
XN4312
XN4601



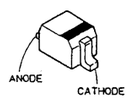
GL-8PR42



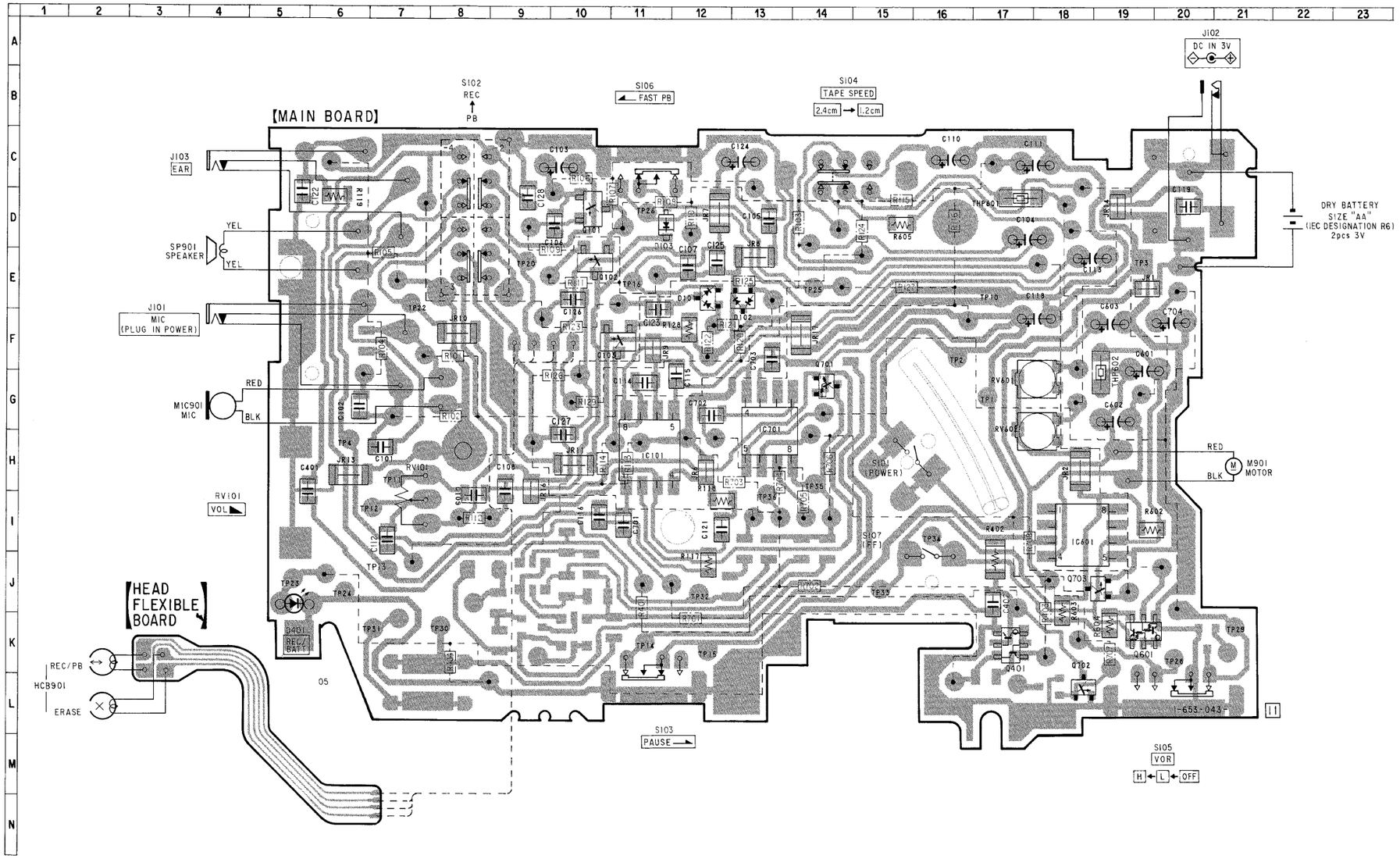
DA204U



1SS335



4-1. PRINTED WIRING BOARD



Note on Schematic Diagram:

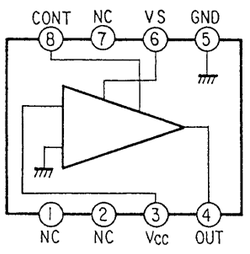
- All capacitors are in μF unless otherwise noted. pF: μμF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and ¼ W or less unless otherwise specified.
- : printed resistor.
- B + : B + Line.
- : panel designation.
- : adjustment for repair.
- Total current is measured with no cassette installed.
- Power voltage is dc 3 V and fed with regulated dc power supply from external power voltage jack.
- Voltages are dc with respect to ground under no-signal conditions.
  no mark : PLAY
  ( ) : REC
- Voltages are taken with a VOM (10 MΩ/V).
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  : PB
  : REC

Note on Printed Wiring Board:

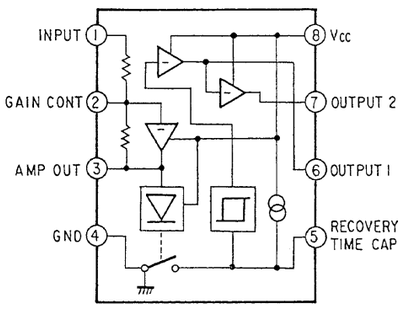
- : parts extracted from the component side.
- : Through hole.
- : Pattern from the side which enables seeing.
- : Pattern of the rear side.
- : printed resistor of the rear side.

• IC Block Diagrams

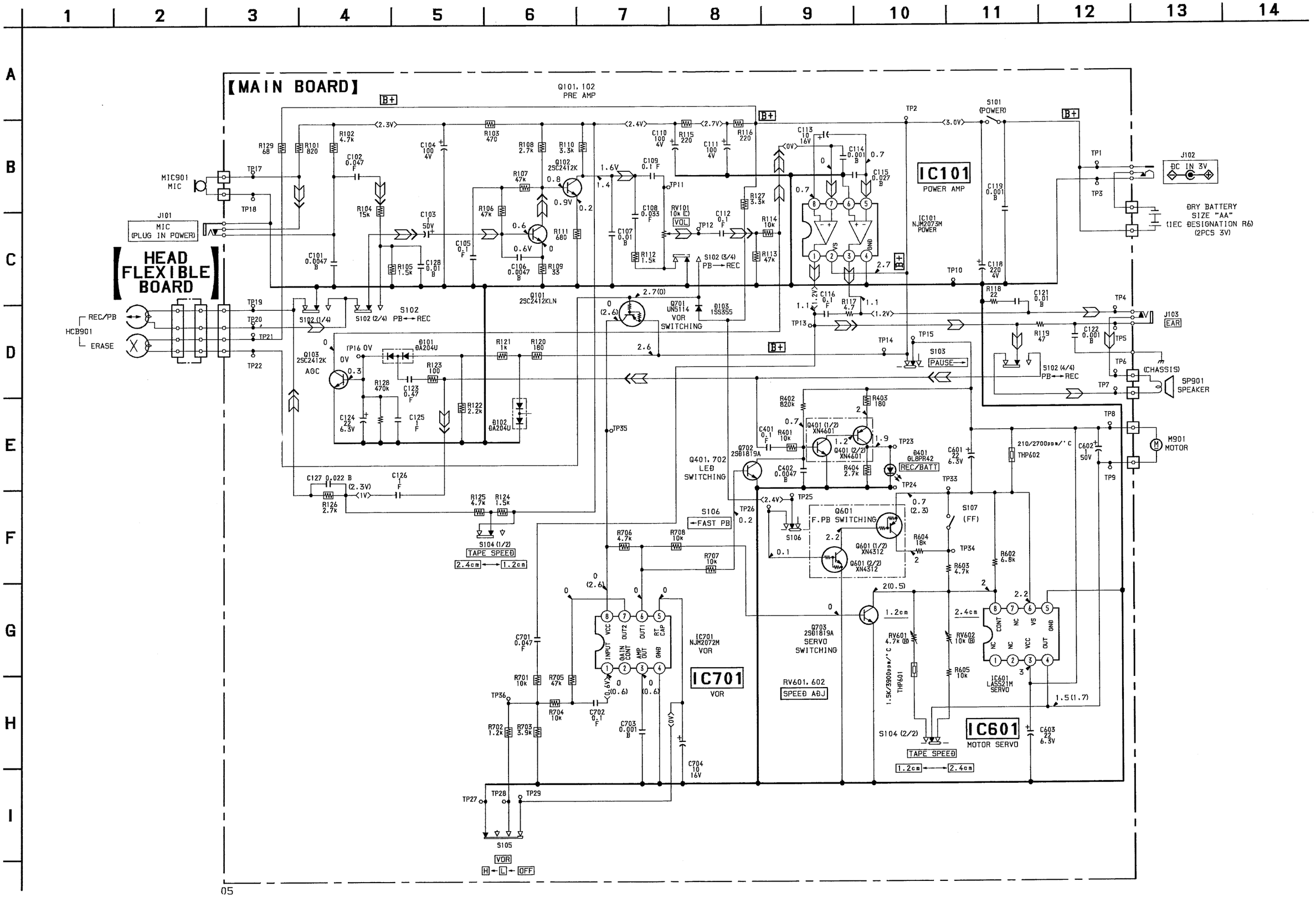
LA5521M



NJM2072M



4-2. SCHEMATIC DIAGRAM

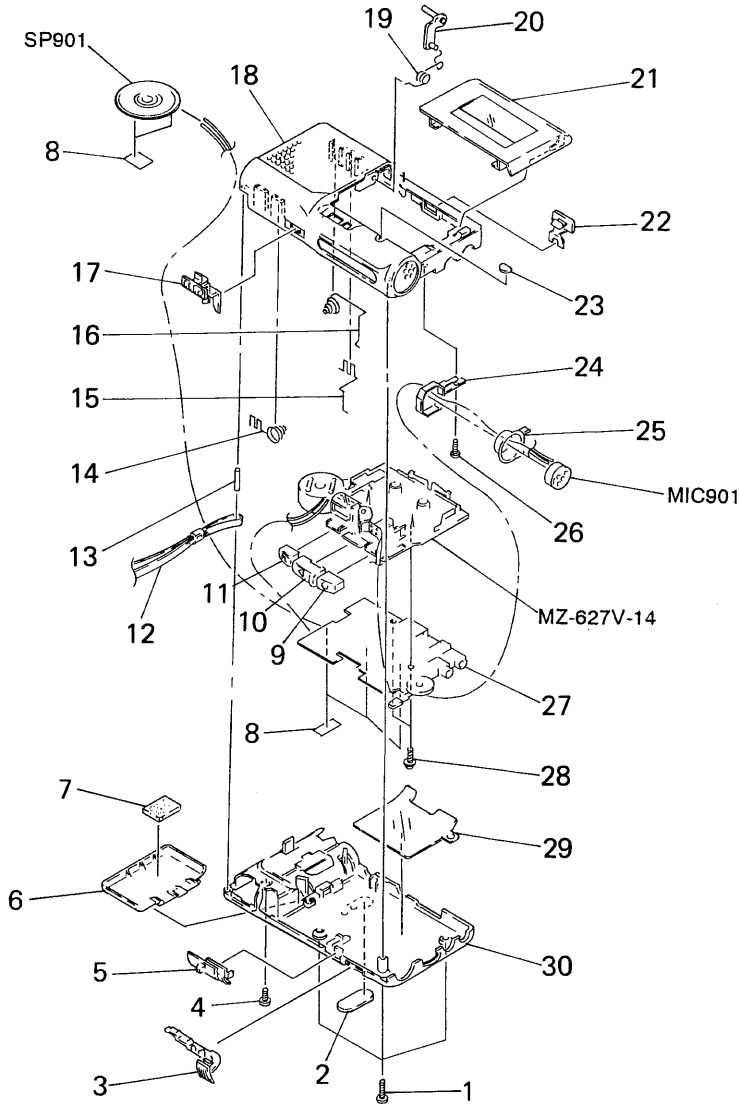


SECTION 5
EXPLODED VIEWS

NOTE:

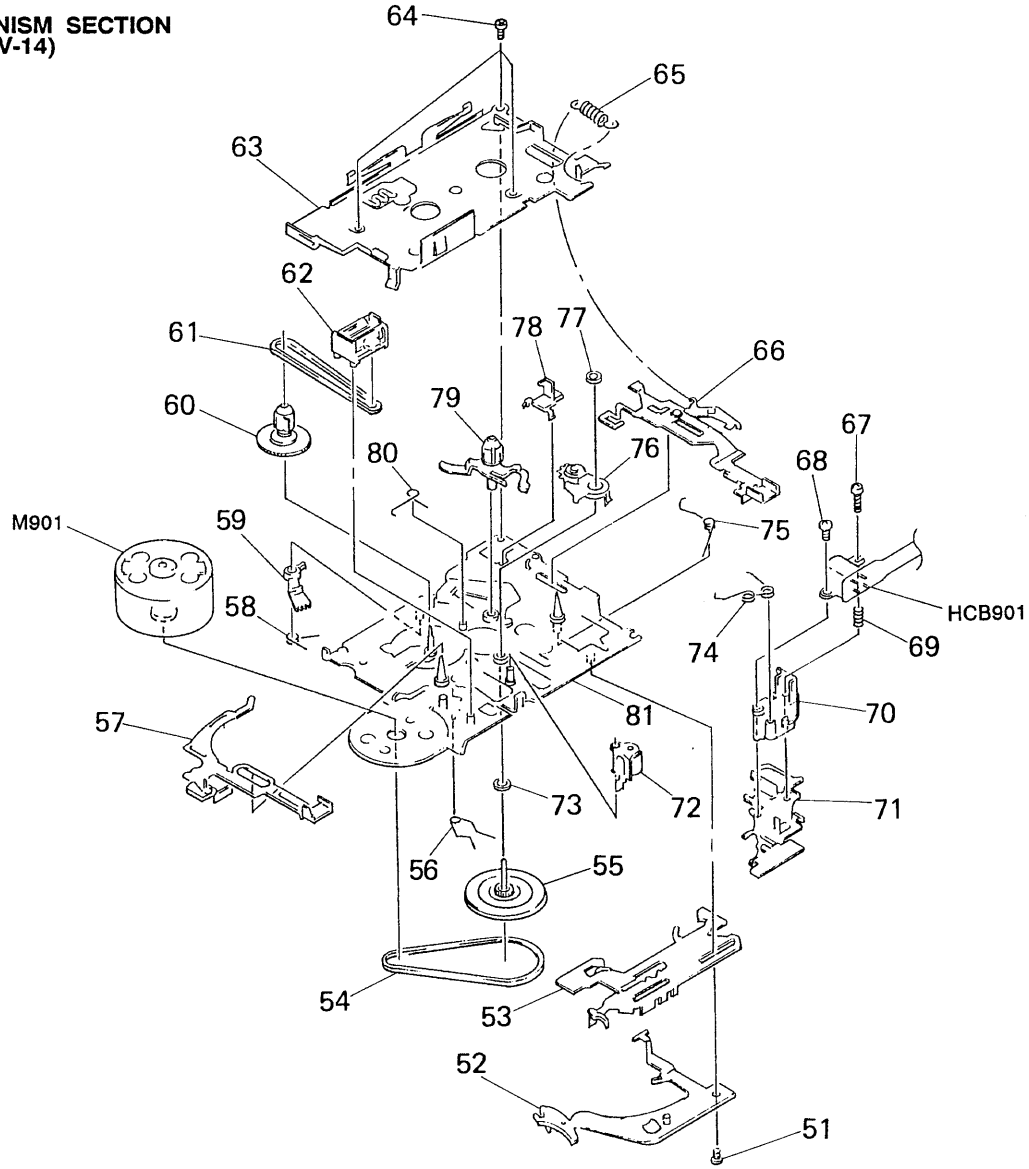
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of the electrical parts list.

(1) GENERAL SECTION



Ref. No.	Part No.	Description	Remark
1	3-318-203-51	SCREW (B1.7X12), TAPPING	
2	3-358-363-11	PLATE, BLIND	
3	3-914-938-01	KNOB (PAUSE-A) (PAUSE)	
4	3-318-203-72	SCREW (B1.7X5), TAPPING	
5	3-914-939-01	KNOB (FR)	
6	3-914-950-01	LID, BATTERY CASE	
* 7	3-914-930-01	CUSHION (BATTERY CASE LID)	
8	3-831-441-XX	SPACER, KNOB	
9	3-914-948-11	BUTTON (REC)	
10	3-914-947-11	BUTTON (PLAY)	
11	3-914-946-11	BUTTON (STOP)	
12	3-328-319-11	STRAP, HAND	
13	3-669-481-07	PIN (DIA.1X10), PARALLEL	
14	3-914-934-01	SPRING (B), BATTERY COIL	
15	3-914-933-01	TERMINAL (A), BATTERY	
16	3-914-932-01	SPRING (C), BATTERY COIL	
17	3-914-879-01	KNOB (VOR)	
18	X-3368-579-1	CABINET (FRONT) (B3) ASSY	
19	3-914-931-01	SPRING (TOGGLE), TORSION	
20	3-914-936-01	ARM (EJECT-B)	
21	X-3368-568-1	LID (B2) ASSY, CASSETTE (M-677V)	
21	X-3368-576-1	LID (B1) ASSY, CASSETTE (M-627V)	
22	3-914-878-01	KNOB (F-PB) (FAST PB)	
23	3-914-952-01	COVER (AZIMUTH)	
* 24	3-914-949-01	BRACKET (MICROPHONE)	
* 25	3-914-937-01	CUSHION (MICROPHONE)	
26	3-318-382-31	SCREW (1.7X3), TAPPING	
* 27	A-3016-592-A	MAIN BOARD, COMPLETE	
28	3-342-156-51	SCREW	
29	3-914-929-01	PAPER, SHIELD	
* 30	3-914-958-21	CABINET (REAR)	
MIC901	1-542-136-11	MICROPHONE, ELECTRET CONDENSER	
SP901	1-544-657-12	SPEAKER (3.6CM)	

(2) MECHANISM SECTION (MZ-627V-14)



Ref. No.	Part No.	Description	Remark
51	3-704-243-11	SCREW (P1.7X2.0)	
* 52	3-914-920-01	PLATE (FR), LOCK	
* 53	3-914-919-01	SLIDER (FR)	
54	3-377-420-11	BELT	
55	X-3368-702-1	FLYWHEEL (1.3) ASSY	
56	3-914-903-01	SPRING (FR), TORSION	
* 57	X-3368-486-1	LEVER (STOP) ASSY	
58	3-914-906-01	SPRING (S.OFF), TORSION	
59	3-914-915-01	ARM (S.OFF)	
60	X-3368-582-1	REEL ASSY, T	
61	3-343-948-01	BELT	
62	1-548-579-21	COUNTER, TAPE (SMALL TYPE)	
* 63	3-914-923-01	COVER, MD	
64	3-366-892-11	SCREW (M1.4X1.4)	
65	3-914-908-01	SPRING (REC LOCK), TENSION	
* 66	X-3368-583-1	LEVER (REC) ASSY	
67	3-703-816-82	SCREW (M1.4X6.0), SPECIAL HEAD	
68	3-704-245-42	SCREW (P1.4X3.0)	
69	3-378-792-01	SPRING, COMPRESSION	
70	3-914-914-01	GUIDE, TAPE	
* 71	3-914-913-01	LEVER (PLAY)	
72	X-3368-585-1	PINCH LEVER ASSY	
73	3-350-945-11	WASHER	
74	3-914-902-01	SPRING (P), TORSION	
75	3-914-904-01	SPRING (PFR), TORSION	
76	X-3368-584-1	ARM (MIDWAY GEAR) ASSY	
77	3-331-007-21	WASHER	
78	3-914-916-01	ARM (CKAW DETECTION)	
79	X-3368-587-1	REEL ASSY, S	
80	3-914-907-01	SPRING (MIDWAY GEAR), TORSION	
* 81	X-3368-701-1	CHASSIS (COMP.) ASSY (C), MECH	
HCB901	1-500-135-11	HEAD, MAGNETIC (REC/PB/ERASE)	
M901	1-698-384-11	MOTOR, DC	

SECTION 6
ELECTRICAL PARTS LIST

MAIN

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u:μ, for example:
  uA..: μA.. uPA..: μPA..
  uPB..: μPB.. uPC..: μPC.. uPD..: μPD..
- CAPACITORS
  uF: μF
- COILS
  uH: μH

When indicating parts by reference number, please include the board.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remark
*	A-3016-592-A	MAIN BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C101	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C102	1-163-035-00	CERAMIC CHIP	0.047uF		50V
C103	1-104-390-21	ELECT	1uF	20%	50V
C104	1-104-401-21	ELECT	100uF	20%	4V
C105	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C106	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C107	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C108	1-163-034-00	CERAMIC CHIP	0.033uF		50V
C109	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C110	1-104-401-21	ELECT	100uF	20%	4V
C111	1-104-401-21	ELECT	100uF	20%	4V
C112	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C113	1-104-368-21	ELECT	10uF	20%	16V
C114	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C115	1-163-986-00	CERAMIC CHIP	0.027uF	10%	25V
C116	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C118	1-104-402-21	ELECT	220uF	20%	4V
C119	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C121	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C122	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C123	1-164-005-11	CERAMIC CHIP	0.47uF		25V
C124	1-104-355-21	ELECT	22uF	20%	6.3V
C125	1-164-346-11	CERAMIC CHIP	1uF		16V
C126	1-164-346-11	CERAMIC CHIP	1uF		16V
C127	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V
C128	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C401	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C402	1-163-017-00	CERAMIC CHIP	0.0047uF	5%	50V
C601	1-104-355-21	ELECT	22uF	20%	6.3V
C602	1-104-390-21	ELECT	1uF	20%	50V
C603	1-104-355-21	ELECT	22uF	20%	6.3V
C701	1-163-035-00	CERAMIC CHIP	0.047uF		50V
C702	1-163-038-00	CERAMIC CHIP	0.1uF		25V
C703	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C704	1-104-368-21	ELECT	10uF	20%	16V

Ref. No.	Part No.	Description			Remark
		< DIODE >			
D101	8-719-941-23	DIODE	DA204U		
D102	8-719-941-23	DIODE	DA204U		
D103	8-719-988-62	DIODE	1SS355		
D401	8-719-026-62	DIODE	GL8PR42 (REC/BATT)		
		< IC >			
IC101	8-759-701-02	IC	NJM2073M		
IC601	8-759-804-43	IC	LA5521M		
IC701	8-759-701-51	IC	NJM2072M		
		< JACK >			
J101	1-766-156-11	JACK (MIC)			
J102	1-580-372-41	JACK, DC (POLARITY UNIFIED TYPE) (DC IN 3V)			
J103	1-766-156-11	JACK (EAR)			
		< JUMPER RESISTOR >			
JR1	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR2	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR6	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR7	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR8	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR9	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR10	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR11	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR13	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR14	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR16	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR17	1-216-296-00	METAL GLAZE	0	5%	1/8W
		< TRANSISTOR >			
Q101	8-729-016-80	TRANSISTOR	2SC2412KLN-T146-R		
Q102	8-729-920-74	TRANSISTOR	2SC2412K-QR		
Q103	8-729-920-74	TRANSISTOR	2SC2412K-QR		
Q401	8-729-402-84	TRANSISTOR	XN4601		
Q601	8-729-420-20	TRANSISTOR	XN4312		
Q701	8-729-402-96	TRANSISTOR	UN5114		
Q702	8-729-402-32	TRANSISTOR	2SD1819A-R		
Q703	8-729-402-32	TRANSISTOR	2SD1819A-R		

MAIN

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R101	1-249-416-11	CARBON	820	5%	1/4W F
R102	1-249-425-11	CARBON	4.7K	5%	1/4W F
R103	1-249-413-11	CARBON	470	5%	1/4W F
R104	1-216-077-00	METAL CHIP	15K	5%	1/10W
R105	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R106	1-249-437-11	CARBON	47K	5%	1/4W
R107	1-249-437-11	CARBON	47K	5%	1/4W
R108	1-249-422-11	CARBON	2.7K	5%	1/4W F
R109	1-249-399-11	CARBON	33	5%	1/4W F
R110	1-249-423-11	CARBON	3.3K	5%	1/4W F
R111	1-249-415-11	CARBON	680	5%	1/4W F
R112	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R113	1-249-437-11	CARBON	47K	5%	1/4W
R114	1-249-429-11	CARBON	10K	5%	1/4W
R115	1-216-033-00	METAL CHIP	220	5%	1/10W
R116	1-216-033-00	METAL CHIP	220	5%	1/10W
R117	1-216-308-00	METAL CHIP	4.7	5%	1/10W
R118	1-216-009-00	METAL CHIP	22	5%	1/10W
R119	1-216-017-00	METAL CHIP	47	5%	1/10W
R120	1-249-408-11	CARBON	180	5%	1/4W F
R121	1-249-417-11	CARBON	1K	5%	1/4W F
R122	1-249-421-11	CARBON	2.2K	5%	1/4W F
R123	1-247-807-31	CARBON	100	5%	1/4W
R124	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R125	1-249-425-11	CARBON	4.7K	5%	1/4W F
R126	1-249-422-11	CARBON	2.7K	5%	1/4W F
R127	1-249-423-11	CARBON	3.3K	5%	1/4W F
R128	1-216-113-00	METAL CHIP	470K	5%	1/10W
R129	1-216-021-00	METAL CHIP	68	5%	1/10W
R401	1-249-429-11	CARBON	10K	5%	1/4W
R402	1-216-268-00	METAL GLAZE	820K	5%	1/8W
R403	1-249-408-11	CARBON	180	5%	1/4W F
R404	1-249-422-11	CARBON	2.7K	5%	1/4W F
R602	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R603	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R604	1-216-079-00	METAL CHIP	18K	5%	1/10W
R605	1-216-073-00	METAL CHIP	10K	5%	1/10W
R701	1-249-429-11	CARBON	10K	5%	1/4W
R702	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R703	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R704	1-249-429-11	CARBON	10K	5%	1/4W
R705	1-249-437-11	CARBON	47K	5%	1/4W
R706	1-249-425-11	CARBON	4.7K	5%	1/4W F
R707	1-249-429-11	CARBON	10K	5%	1/4W
R708	1-249-429-11	CARBON	10K	5%	1/4W

Ref. No.	Part No.	Description	Remark
		< VARIABLE RESISTOR >	
RV101	1-237-731-21	RES, VAR, CARBON 10K (VOL)	
RV601	1-238-663-11	RES, ADJ, CARBON 4.7K	
RV602	1-223-586-11	RES, ADJ, CARBON 10K	
		< SWITCH >	
S101	1-572-688-11	SWITCH, PUSH (1 KEY) (POWER)	
S102	1-692-999-11	SWITCH, SLIDE (REC/PB)	
S103	1-571-275-31	SWITCH, SLIDE (PAUSE)	
S104	1-571-478-11	SWITCH, SLIDE (TAPE SPPED)	
S105	1-571-506-41	SWITCH, SLIDE (VOR)	
S106	1-571-275-31	SWITCH, SLIDE (FAST PB)	
S107	1-572-688-11	SWITCH, PUSH (1 KEY) (FF)	
		< POSITIVE THERMISTOR >	
THP601	1-808-956-11	THERMISTOR, POSITIVE	
THP602	1-809-757-11	THERMISTOR, POSITIVE	

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MISCELLANEOUS

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HCB901	1-500-135-11	HEAD, MAGNETIC (REC/PB/ERASE)	
M901	1-698-384-11	MOTOR, DC	
MIC901	1-542-136-11	MICROPHONE, ELECTRET CONDENSER	
SP901	1-544-657-12	SPEAKER (3.6CM)	

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ACCESSORIES & PACKING MATERIALS

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	1-528-523-11	BATTERY, STORAGE, NI-CD (Cnadian) (M-677V)	
	1-528-523-31	BATTERY, NICKEL. CADMIUM (US) (M-677V)	
⚠	1-528-405-11	ADAPTOR, BATTERY CHARGE (Canadian) (M-677V)	
⚠	1-528-405-21	ADAPTOR, BATTERY CHARGE (US) (M-677V)	
⚠	1-693-073-21	ADAPTOR, AC (AC-E350) (M-677V)	
	3-758-981-61	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (AEP)	
	3-758-981-81	MANUAL, INSTRUCTION (ENGLISH) (US, Canadian)	
	3-758-981-91	MANUAL, INSTRUCTION (FRENCH) (Canadian)	
	3-758-981-71	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP)	
	3-914-895-01	CASE, CARRYING (AEP)	
*	3-916-700-01	INDIVIDUAL CARTON (M-627V:Canadian)	
*	3-916-702-01	INDIVIDUAL CARTON (M-627V:AEP)	
*	3-916-728-01	INDIVIDUAL CARTON (M-627V:E)	
*	3-916-688-11	CUSHION	

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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